Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
Data File : BF088643.D
Acq On : 3 Jul 2016 12:10
Operator : UM/SJ
Sample : PB91727BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB91727BS

Manual Integrations APPROVED
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Quant Time: Jul 04 05:39:02 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 30 18:01:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	106022	20.00	ng		-0.02
21) Naphthalene-d8	8.07	136	430801	20.00	ng		-0.03
38) Acenaphthene-d10	9.82	164	205753	20.00	ng		-0.03
63) Phenanthrene-d10	11.30	188	421663	20.00	ng		-0.02
75) Chrysene-d12	13.92	240	314147	20.00	ng		-0.03
86) Perylene-d12	15.31	264	315177	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	795102	112.39	ng		-0.01
7) Phenol-d6	6.42	99	909350	99.48	ng		-0.02
23) Nitrobenzene-d5	7.35	82	621173	75.56	ng		-0.03
41) 2,4,6-Tribromophenol	10.60	330	231905	121.38	ng		-0.03
44) 2-Fluorobiphenyl	9.15	172	1135308	87.16	ng		-0.02
78) Terphenyl-d14	12.88	244	970079	68.78	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	102782	29.31	ng	#	29
3) Pyridine	3.10	79	143866	14.14	ng		94
4) n-Nitrosodimethylamine	3.04	42	64794	16.66	ng		88
6) Aniline	6.44	93	97576	7.32	ng		98
8) 2-Chlorophenol	6.57	128	162355	21.35	ng		90
9) Benzaldehyde	6.32	77	92115	14.88	ng	#	78
10) Phenol	6.43	94	236201	22.64	ng		87
11) bis(2-Chloroethyl)ether	6.52	93	162220	20.85	ng		85
12) 1,3-Dichlorobenzene	6.72	146	150980m	18.05	ng		
13) 1,4-Dichlorobenzene	6.80	146	161222	19.41	ng		97
14) 1,2-Dichlorobenzene	6.96	146	149946	19.29	ng		97
15) Benzyl Alcohol	6.94	79	104031	15.46	ng		87
16) 2,2'-oxybis(1-Chloropropan	7.07	45	206020	18.29	ng		85
17) 2-Methylphenol	7.04	107	128108	20.65	ng		96
18) Hexachloroethane	7.30	117	62416	19.43	ng		98
19) n-Nitroso-di-n-propylamine	7.20	70	116110	18.91	ng		91
20) 3+4-Methylphenols	7.20	107	175946	23.64	ng		93
22) Acetophenone	7.19	105	217780	20.83	ng	#	87
24) Nitrobenzene	7.36	77	170619	20.59	ng	#	79
25) Isophorone	7.61	82	323004	21.21	ng		97
26) 2-Nitrophenol	7.68	139	72201	21.24	ng		93
27) 2,4-Dimethylphenol	7.72	122	151654	21.42	ng		91
28) bis(2-Chloroethoxy)methane	7.83	93	205679	20.76	ng		97
29) 2,4-Dichlorophenol	7.93	162	130811	22.86	ng		94
30) 1,2,4-Trichlorobenzene	8.01	180	129670	20.65	ng		100
31) Naphthalene	8.09	128	476375	22.43	ng		99
32) Benzoic acid	7.83	122	83082	16.16	ng		96
33) 4-Chloroaniline	8.14	127	76492	8.09	ng		96
34) Hexachlorobutadiene	8.22	225	72036	21.43	ng		99
35) Caprolactam	8.48	113	44530m	22.92	ng		
36) 4-Chloro-3-methylphenol	8.63	107	154495	22.84	ng		99
37) 2-Methylnaphthalene	8.78	142	301349	22.04	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	118200	17.27	ng	#	1
40) Hexachlorocyclopentadiene	8.94	237	205778	61.26	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	90066	19.96	ng		99
43) 2,4,5-Trichlorophenol	9.10	196	91169	23.48	ng	#	86
45) 1,1'-Biphenyl	9.24	154	374703	21.99	ng		100
46) 2-Chloronaphthalene	9.27	162	291666	21.81	ng		99
47) 2-Nitroaniline	9.36	65	97701	20.58	ng		96
48) Acenaphthylene	9.68	152	456668	21.46	ng		100
49) Dimethylphthalate	9.54	163	326177	22.25	ng		99
50) 2,6-Dinitrotoluene	9.60	165	72903	22.44	ng	#	38
51) Acenaphthene	9.85	154	325357	24.94	ng		98
52) 3-Nitroaniline	9.77	138	56922	13.78	ng		91
53) 2,4-Dinitrophenol	9.87	184	98756	68.84	ng	#	84
54) Dibenzofuran	10.02	168	392299	22.98	ng	#	89
55) 4-Nitrophenol	9.94	139	210968	67.22	ng	#	71
56) 2,4-Dinitrotoluene	10.01	165	99762	23.49	ng		94
57) Fluorene	10.36	166	314494	23.90	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.15	232	77239	25.72	ng	#	55
59) Diethylphthalate	10.25	149	362414	24.64	ng		99
60) 4-Chlorophenyl-phenylether	10.36	204	143935	23.54	ng		92
61) 4-Nitroaniline	10.38	138	74875	18.84	ng		85
62) Azobenzene	10.52	77	404645	24.11	ng		92
64) 4,6-Dinitro-2-methylphenol	10.41	198	50629	22.45	ng		82
65) n-Nitrosodiphenylamine	10.48	169	289768	20.30	ng		100
66) 4-Bromophenyl-phenylether	10.84	248	82976	19.53	ng	#	74
67) Hexachlorobenzene	10.91	284	98802	21.00	ng	#	86
68) Atrazine	11.00	200	83563	18.79	ng		92
69) Pentachlorophenol	11.11	266	171193	61.50	ng		97
70) Phenanthrene	11.33	178	522643	22.67	ng		98
71) Anthracene	11.37	178	479288	20.91	ng		99
72) Carbazole	11.53	167	461586	21.40	ng		97
73) Di-n-butylphthalate	11.87	149	536594	21.39	ng	#	97
74) Fluoranthene	12.50	202	503428	21.54	ng		99
76) Benzidine	12.63	184	58436	3.68	ng		99
77) Pyrene	12.73	202	534647	20.07	ng		99
79) Butylbenzylphthalate	13.36	149	241436	20.32	ng		92
80) Benzo(a)anthracene	13.91	228	423298	20.93	ng		100
81) 3,3'-Dichlorobenzidine	13.87	252	94756	12.46	ng	#	92
82) Chrysene	13.95	228	421389	21.06	ng		98
83) Bis(2-ethylhexyl)phthalate	13.92	149	294617	21.72	ng		99
84) Di-n-octyl phthalate	14.53	149	532998	23.13	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.65	276	355964	23.12	ng	#	100
87) Benzo(b)fluoranthene	14.93	252	421177m	21.30	ng		
88) Benzo(k)fluoranthene	14.95	252	356136m	20.69	ng		
89) Benzo(a)pyrene	15.26	252	366560	21.90	ng		98
90) Dibenzo(a,h)anthracene	16.66	278	297425	21.28	ng		99
91) Benzo(g,h,i)perylene	17.05	276	285103	19.71	ng		94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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